



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5159

| | | | | |
|-----------------------------|---------------------------------------|--------------|------------------------|--------------------------------------|
| SERIAL NUMBER 10/727,308 | FILING DATE 12/02/2003 RULE | CLASS 711 | GROUP ART UNIT 2188 | ATTORNEY DOCKET NO. OR03-08001 |
|-----------------------------|---------------------------------------|--------------|------------------------|--------------------------------------|

APPLICANTS

Shu Ling, San Mateo, CA;
 Xiang Liu, San Mateo, CA;
 Fredric Goell, Foster City, CA; Lawrence Jacobs, Redwood City, CA;

** CONTINUING DATA *****
 This appln claims benefit of 60/500,726 09/05/2003 *SD*

** FOREIGN APPLICATIONS *****
SD

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 03/02/2004

| | | | | | |
|---|--|---------------------------|------------------------|-----------------------|----------------------------|
| Foreign Priority claimed 35 USC 119 (a-d) conditions met | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance | STATE OR COUNTRY CA | SHEETS DRAWING 3 | TOTAL CLAIMS 29 | INDEPENDENT CLAIMS 5 |
|---|--|---------------------------|------------------------|-----------------------|----------------------------|

Verified and Acknowledged
 Examiner's Signature *SD* Initials *SD*

ADDRESS
 51067
 ORACLE INTERNATIONAL CORPORATION
 c/o A. RICHARD PARK
 2820 FIFTH STREET
 DAVIS, CA
 95616-2914

TITLE
 System and method for invalidating data in a hierarchy of caches

| | | |
|------------------------------------|---|--|
| FILING FEE RECEIVED 1104 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ |
|------------------------------------|---|--|